TABLE 18

GRAPHICAL COMPARISON OP FUELS

Low

High

Natural gas "C," No. 6. B.t.u. per cubic foot = 924 1025

Calories per m^3 = 8226 9126

Weight = 0 kg 743 per m^3=0.0465 Ib per cubic foot.

Compositi Volumetric	Products of Combustion per 100 Volumes of Gas				Percentage Busis (Wet)			
	Air Supply in Percentage of Theoretical Requirements							
	100%	120%	140%	180%	100 %	120 %	140 %	180 %
Ho								
CH_4								
CoH_4								
CO								
O_2	0.0	37.35	74.70	149.4	0.00	3.08	5.31	8.4
H O	187.3	187.3	187.3	187.3	18.1	15.3	13.3	10.5
$C0_2$	94.0	94.00	94.00	94.0	9.10	7.71	6.69	5.2
N_2	751.2	900.6	1050.	1348.	72.7	73.8	74.6	75.8
Total	1032.	1219.	1406.	1779.				
Air	933.7	1120.	1307.	1680.				
Weight·								
Ib per cu	0.077			0.079				
						enta	Basi	
					Perc	ge	s (]	3ry)
				0,	0.00	3.62	6.13	9.3
				$C0_2$	11.1	9.10	7.72	5.9
				Ns	88:8	87.2	87.1	84.7